



## **FERO ENGINEERING**

ENVIRONMENTAL ENGINEERING & CONSULTING

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December 11, 2012

Mr. David Young  
California Regional Water Quality Control Board  
Los Angeles Region  
Site Cleanup Program  
320 West 4<sup>th</sup> Street, Suite 200  
Los Angeles, California 90013

Indoor Air Sampling Report Fall 2012  
**Continental Heat Treating**  
10643 Norwalk Boulevard, Santa Fe Springs, California  
(Site Id. No. 204GW00, SCP No. 1057)

Dear Mr. Young:

Fero Environmental Engineering, Inc. (Fero) conducted the first round of indoor air sampling (Fall Event) at the subject site ("Site") on October 29, 2012. The sampling was conducted consistent with Fero's *Additional Subsurface Work Plan, Continental Heat Treating, 10643 Norwalk Boulevard, Santa Fe Springs, California (Site Id. No. 204GW00, SCP No. 1057)* ("Work Plan"), dated April 13, 2012 and the Los Angeles Regional Water Quality Control Board's (RWQCB), *Approval of Work Plan for Additional Subsurface Investigation and Indoor Air Sampling Pursuant to California Water Code Section 13267 Order* ("Approval"), dated May 14, 2012.

### **Indoor Vapor Sampling**

As discussed in the Work Plan, Fero conducted indoor air sampling at the Site consistent with the Department of Toxic Substances Control, *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Guidance), dated October 2011. Prior to conducting the sampling, a Building Survey Form (Appendix L of the Guidance) was completed to denote time, date, sample location, sample identification number, and weather conditions. No variations in the conditions at the Site were observed upon sample retrieval. A copy of the completed Building Survey Form is included as Attachment A. Current operations at the Site do not use the chemicals of concern, primarily PCE and other lesser chlorinate ethenes. The sampling was conducted under typical operating conditions for the facility including heating and ventilation operation and ingress and egress activities.

Five canisters were placed inside the building space and three were placed outdoors. In compliance with the Guidance, the indoor canisters collected air samples from the recommended standard breathing height for an adult of 3 to 5 feet off the floor within the office space and work area and the

outdoor air samplers were placed at 6 feet above grade. All of the sampling locations are indicated on Figure 1.

The outdoor air samples were collected from an upwind location and the sampling locations were located away from gasoline stations, automobiles, gas powered engines, fuel and oil storage tanks, and chemical storage areas. The outdoor canisters were located at least 10 feet beyond tree drip lines at a distance twice that of the building height with exception to the sample located in the northeast corner of the site (#4439). The drip line requirement was achieved when installing canister #4439 however, there was no safe place to leave the canister at or beyond two building heights from the building. That canister was placed as far northeast on the property as practical.

The samples were collected in appropriately sized SUMMA canisters fitted with flow control regulators that were calibrated to collect air samples over a period of 24 hours by Air Technology Laboratories, Inc. ("ATL") located at 18501 E. Gale Avenue, Suite 130 in the City of Industry, California 91748. Fero secured the SUMMA canisters at their respective sampling locations (indicated on Figure 1) on October 29, 2012. Once the sampling canisters were placed, the sampling valves were all opened sequentially starting at 1:02 p.m. with the first canister and ending at 1:10 p.m. with the last canister. On October 30, 2012, Fero returned to the Site 24 hours after canister installation and sequentially closed all the valves to the canisters and collected the canisters.

The sample canisters were immediately placed in cardboard boxes and transported for analysis to ATL accompanied by appropriate Chain-of-Custody documentation for analysis. ATL analyzed the air samples using the selective ion mode (SIM) detector and EPA Method TO-15 to achieve detection limits for evaluation using the California Human Health Screening Levels (CHHSLs) for indoor air samples. Air VOC analytical results from this event are summarized in Table 1. The first five canisters listed in Table 1 were located inside the onsite building. The last three canisters (in bold) were located outside the building at "background" locations. Applicable California Human Health Screening Levels (CHHSLs) from the California Environmental Protection Agency and Acute and Chronic Reference Exposure Levels (RELs) from the California Office of Environmental Health Hazard Assessment (OEHHA), dated December 18, 2008 are reported at the top of the Table 1. Laboratory analytical reports with associated chain-of-custody documentation are attached hereto as Attachment B.

## **Conclusions**

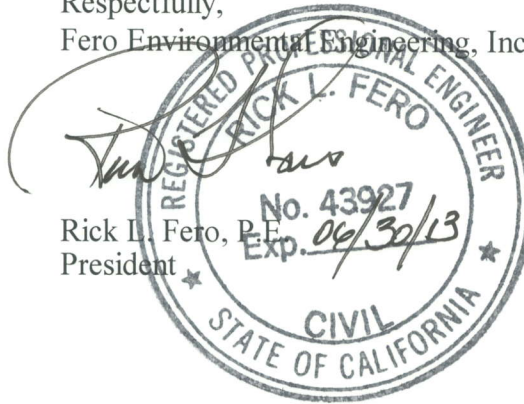
ATL reports the concentrations of 29 compounds of concern ("COC") on its list of EPA Method TO15 SIM analytes. Eighteen of those analytes occurred at or above the compound's respective reportable limit. Table 1 summarizes the concentrations of the compounds identified in the SUMMA canisters used for this sampling event. Except for cis1,2-Dichloroethene, all of the COCs in Table 1 occurred at comparable concentrations in both the indoor and outdoor samples. Three compounds (carbon tetrachloride, benzene and tetrachloroethylene) were detected at concentrations that exceeded their respective CHHSLs in both indoor and outdoor or background samples. All of the compounds detected inside and outside were well below their respective acute and chronic RELs which are provided on Table 1 for comparison. The OEHHA chronic REL values are, "designed to address continuous exposure for up to a lifetime: the exposure metric used is the annual average

exposure". The concentrations reported for COCs in air samples within and outside of the buildings of the Site do not represent an unacceptable risk to Site occupants above background for the area of the Site.

The next sampling event (Spring Event) will likely occur sometime during April 2013. Should you have any questions regarding the content of this Indoor Air Sampling Report, please do not hesitate to call the undersigned at (714) 256-2737.

Respectfully,  
Fero Environmental Engineering, Inc.

Rick L. Fero, P.E.  
President



RLF:jbp  
[758IndoorAirSampRpt1212]



**Table 1**

Summary of Air Analyses

**Continental Heat Treating**

10643 Norwalk Boulevard, Santa Fe Springs, California

(Site Id. No. 204GW00, SCP No. 1057)

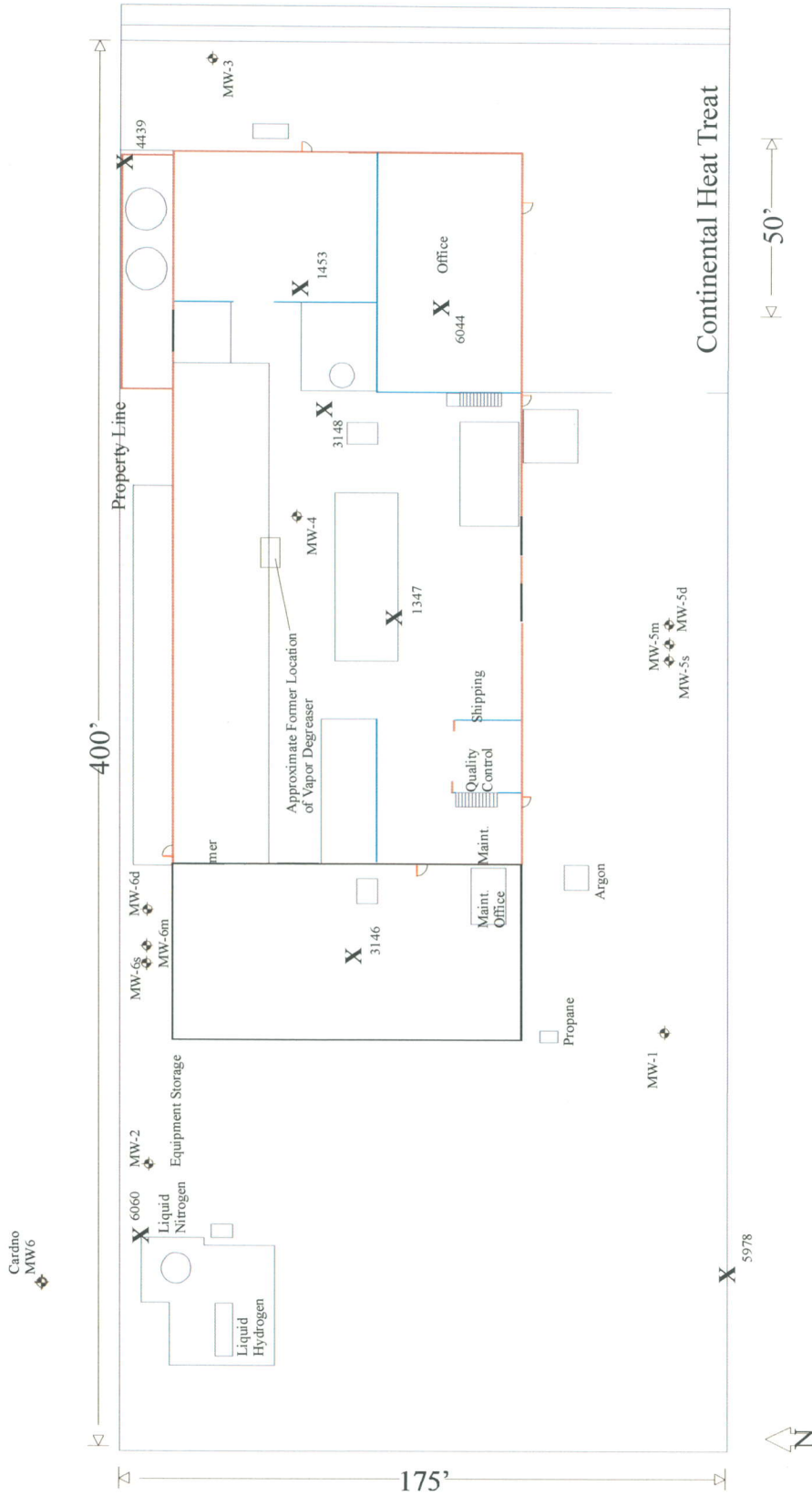
(µg/m3)

Exposure Levels	DCFM	ChIM	ChIE	TCFM	Freon	MCI	DCE	ChIF	TCA	CTet	Benzene	DCA	TCE	Toluene	PCE	EBen	Xylenes	Styrene
CHHSLs (Ind)	---	---	---	---	---	---	51.1	---	3,210	0.09	0.14	0.19	2.04	438	0.693	---	1,020	---
Acute RELs	---	---	---	---	---	14,000	---	150	---	1,900	1,300	---	---	37,000	20,000	---	2,200	21,000
Chronic RELs	---	---	---	---	---	400	---	300	---	40	60	---	600	300	35	2,000	700	---
Reporting Limit	0.049	0.021	0.026	0.11	0.15	0.17	0.04	0.049	0.055	0.063	0.16	0.04	0.054	0.075	0.068	0.087	0.087	0.085
Canister#	Date	DCFM	ChIM	ChIE	TCFM	Freon	MCI	c-1,2-DCE	1,1,1-TCA	CTet	Benzene	DCA	TCE	Toluene	PCE	EBen	Xylenes	Styrene
1453	10/29/12	2.5	1.3	ND	1.4	0.64	1.2	0.071	0.15	0.59	6.0	0.13	0.37	11	3.8	1.6	9.4	1.2
3148	10/29/12	2.5	1.2	ND	1.3	0.63	1.2	ND	0.13	0.57	6.0	0.11	0.27	11	0.73	1.4	8.3	1.2
6044	10/29/12	2.5	1.4	ND	1.3	0.65	1.4	ND	0.13	0.59	3.9	0.15	0.31	11	0.73	1.5	8.7	4.5
1347	10/29/12	2.6	1.7	0.038	1.3	0.64	1.2	ND	0.13	0.58	3.7	0.12	0.28	11	0.42	1.4	8.2	1.1
3146	10/29/12	2.5	1.3	ND	1.4	0.64	1.2	ND	0.12	0.57	3.2	0.13	0.27	10	0.51	1.3	8.4	1.2
<b>4439</b>	10/29/12	2.6	1.3	ND	1.4	0.65	1.2	ND	0.17	0.59	3.1	0.12	0.23	12	0.39	1.6	9.9	1.1
<b>6060</b>	10/29/12	2.6	1.3	0.027	1.4	0.66	1.2	ND	0.13	0.59	2.9	0.15	0.26	10	1.2	1.4	8.7	1.0
<b>5978</b>	10/29/12	2.8	1.5	ND	1.4	0.62	1.3	ND	0.11	0.59	2.8	0.14	0.28	11	0.40	1.4	8.5	1.0

CHHSLs-California Human Health Screening Levels, RELs-Reference Exposure Levels from the Office of Environmental Health Hazard Assessment (OEHHHA), ND = Not Detected at Reporting Level  
DCFM - Dichlorodifluoromethane (12), ChIM - Chloromethane, ChIE- Chloroethane, TCFM -Trichlorofluoromethane, Freon-1,1,2-Cl 1,2,2-F ethane (113), MCI - Methylene Chloride, DCE-c-1,2-Dichloroethene  
ChIF - Chloroform, 1,1,1-TCA- 1,1,1-Trichloroethane, CTet- Carbon Tetrachloride, DCA- 1,2-Dichloroethane, TCE- Trichloroethene, PCE- Tetrachloroethene, EBen- Ethylbenzene

**Note:** Bottom three canisters in bold on the Table were located outside (background samples)

# Former Jalk Fee Property



## Legend

- ◆ - Groundwater Monitoring Well
- X - Summa Canister Sampling Locations



**Summa Canister Locations**  
**Continental Heat Treating, Inc.**  
 (10/29/12)  
 10643 South Norwalk Boulevard  
 Santa Fe Springs, California

Base Map Source: Trilogy Regulatory Services

[758 Summa 1012]

Figure 1

ATTACHMENT A

Building Survey Form

## APPENDIX L - BUILDING SURVEY FORM

Preparer's Name: John Petersen Date/Time Prepared: 12:20  
Affiliation: Fero Eng. Phone Number: 714 256 2737

### Occupant Information

Occupant Name: Continental Heat Treating Interviewed: ☒ Yes ☐ No  
Mailing Address: 10643 S. Norwalk Blvd  
City: Santa Fe Springs State: CA Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email: \_\_\_\_\_

### Owner/Landlord Information (Check if same as occupant ☒)

Occupant Name: Continental Heat Treating Interviewed: ☒ Yes ☐ No  
Mailing Address: 10643 S. Norwalk Blvd  
City: Santa Fe Springs State: CA Zip Code: 90670  
Phone: 562 944 8808 Email: jcastoll@continentalht.com

### Building Type (Check appropriate boxes)

☐ Residential ☐ Residential Duplex ☐ Apartment Building ☐ Mobile Home ☐ Commercial (office)  
☐ Commercial (warehouse) ☒ Industrial ☐ Strip Mall ☐ Split Level ☐ Church ☐ School

### Building Characteristics

Approximate Building Age (years): 1969 Number of Stories: 1  
Approximate Building Area (square feet): 28,000 Ft<sup>2</sup> Number of Elevators: 0

### Foundation Type (Check appropriate boxes)

☒ Slab-on-Grade ☐ Crawl Space ☐ Basement

### Basement Characteristics (Check appropriate boxes)

☐ Dirt Floor ☐ Sealed ☐ Wet Surfaces ☐ Sump Pump ☐ Concrete Cracks ☐ Floor Drains

### Factors Influencing Indoor Air Quality

Is there an attached garage?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there smoking in the building?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there new carpet or furniture?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Describe: _____
Have clothes or drapes been recently dry cleaned?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Describe: _____
Has painting or staining been done with the last six months?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe: _____
Has the building been recently remodeled?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe: _____
Has the building ever had a fire?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there a hobby or craft area in the building?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Describe: _____
Is gun cleaner stored in the building?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there a fuel oil tank on the property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is there a septic tank on the property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Has the building been fumigated or sprayed for pests recently?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Describe: _____
Do any building occupants use solvents at work?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Describe: _____

### Sampling Locations

Draw the general floor plan of the building and denote locations of sample collection. Indicate locations of doors, windows, indoor air contaminant sources and field instrument readings.

see Figure I. (Attached)

### Primary Type of Energy Used (Check appropriate boxes)

☒ Natural Gas   ☐ Fuel Oil   ☐ Propane   ☐ Electricity   ☐ Wood   ☐ Kerosene

### Meteorological Conditions

Describe the general weather conditions during the indoor air sampling event.

Clear 77°, NO clouds, sl. North easterly

### General Comments

Provide any other information that may be of importance in understanding the indoor air quality of this building.

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ATTACHMENT B

Air Technology Laboratory Report

November 7, 2012

Fero Environmental Engineering, Inc.  
ATTN: John Petersen  
431 W. Lambert Rd., #305  
Brea, CA 92821



ADE-1461  
EPA Methods TO-3,  
TO14A, TO15 SIM & Scan,  
ASTM D1946



LA Cert 04140  
EPA Methods TO3, TO14A, TO15, 25C/3C,  
RSK-175

TX Cert T104704450-09-TX  
EPA Methods TO14A, TO15

### LABORATORY TEST RESULTS

Project Reference: Continental Heat Treating; 12-758  
Lab Number: D103005-01/08

Enclosed are results for sample(s) received 10/30/12 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

#### Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- The enclosed results relate only to the sample(s).

Results were e-mailed to John Petersen on 11/07/12.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson  
Operations Manager  
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

Client: Fero Environmental Engineering  
 Attn: John Petersen  
 Project Name: Continental Heat Treating  
 Project No.: 12-758  
 Date Received: 10/30/12  
 Matrix: Air  
 Reporting Units: ug/m3

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 D103005

EPA Method TO15 SIM								
Lab No.:	D103005-01		D103005-02		D103005-03		D103005-04	
Client Sample I.D.:	Canister #4439		Canister #1453		Canister #3148		Canister #6044	
Date Sampled:	10/29/12		10/29/12		10/29/12		10/29/12	
Date Analyzed:	11/01/12		11/01/12		11/01/12		11/01/12	
QC Batch No.:	121101MS2A2		121101MS2A2		121101MS2A2		121101MS2A2	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3
Dichlorodifluoromethane (12)	2.6	0.049	2.5	0.049	2.5	0.049	2.5	0.049
Chloromethane	1.3	0.021	1.3	0.021	1.2	0.021	1.4	0.021
Vinyl Chloride	ND	0.013	ND	0.013	ND	0.013	ND	0.013
Chloroethane	ND	0.026	ND	0.026	ND	0.026	ND	0.026
Trichlorofluoromethane (11)	1.4	0.11	1.4	0.11	1.3	0.11	1.3	0.11
1,1,2-Cl 1,2,2-F ethane (113)	0.65	0.15	0.64	0.15	0.63	0.15	0.65	0.15
1,1-Dichloroethene	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Methylene Chloride	1.2	0.17	1.2	0.17	1.2	0.17	1.4	0.17
t-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040	ND	0.040
1,1-Dichloroethane	ND	0.040	ND	0.040	ND	0.040	ND	0.040
c-1,2-Dichloroethene	ND	0.040	0.071	0.040	ND	0.040	ND	0.040
Chloroform	0.37	0.049	0.38	0.049	0.38	0.049	0.41	0.049
1,1,1-Trichloroethane	0.17	0.055	0.15	0.055	0.13	0.055	0.13	0.055
Carbon Tetrachloride	0.59	0.063	0.59	0.063	0.57	0.063	0.59	0.063
Benzene	3.1	0.16	6.0	0.16	6.0	0.16	3.9	0.16
1,2-Dichloroethane	0.12	0.040	0.13	0.040	0.11	0.040	0.15	0.040
Trichloroethene	0.23	0.054	0.37	0.054	0.27	0.054	0.31	0.054
1,2-Dichloropropane	ND	0.092	ND	0.092	ND	0.092	ND	0.092
Bromodichloromethane	ND	0.067	ND	0.067	ND	0.067	ND	0.067
Toluene	12	0.075	11	0.075	11	0.075	11	0.075
t-1,3-Dichloropropene	ND	0.045	ND	0.045	ND	0.045	ND	0.045
1,1,2-Trichloroethane	ND	0.055	ND	0.055	ND	0.055	ND	0.055
Tetrachloroethene	0.39	0.068	3.8	0.068	0.73	0.068	0.73	0.068
1,2-Dibromoethane	ND	0.15	ND	0.15	ND	0.15	ND	0.15
Ethylbenzene	1.6	0.087	1.6	0.087	1.4	0.087	1.5	0.087
p,&m-Xylene	7.2	0.087	6.8	0.087	6.0	0.087	6.2	0.087
o-Xylene	2.7	0.087	2.6	0.087	2.3	0.087	2.5	0.087
Styrene	1.1	0.085	1.2	0.085	1.2	0.085	4.5	0.085
1,1,2,2-Tetrachloroethane	ND	0.14	ND	0.14	ND	0.14	ND	0.14

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: \_\_\_\_\_

Operations Manager

Date \_\_\_\_\_

The cover letter is an integral part of this analytical report



Client: Fero Environmental Engineering  
 Attn: John Petersen  
 Project Name: Continental Heat Treating  
 Project No.: 12-758  
 Date Received: 10/30/12  
 Matrix: Air  
 Reporting Units: ug/m3

Page 3 of 4  
 D103005

EPA Method TO15 SIM								
Lab No.:	D103005-05		D103005-06		D103005-07		D103005-08	
Client Sample I.D.:	Canister #1347		Canister #3146		Canister #6060		Canister #5978	
Date Sampled:	10/29/12		10/29/12		10/29/12		10/29/12	
Date Analyzed:	11/01/12		11/01/12		11/01/12		11/02/12	
QC Batch No.:	121101MS2A2		121101MS2A2		121101MS2A2		121101MS2A2	
Analyst Initials:	DT		DT		DT		DT	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3	Result ug/m3	RL ug/m3
Dichlorodifluoromethane (12)	2.6	0.049	2.5	0.049	2.6	0.049	2.8	0.049
Chloromethane	1.7	0.021	1.3	0.021	1.3	0.021	1.5	0.021
Vinyl Chloride	ND	0.013	ND	0.013	ND	0.013	ND	0.013
Chloroethane	0.038	0.026	ND	0.026	0.027	0.026	ND	0.026
Trichlorofluoromethane (11)	1.3	0.11	1.4	0.11	1.4	0.11	1.4	0.11
1,1,2-Cl 1,2,2-F ethane (113)	0.64	0.15	0.64	0.15	0.66	0.15	0.62	0.15
1,1-Dichloroethene	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Methylene Chloride	1.2	0.17	1.2	0.17	1.2	0.17	1.3	0.17
t-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040	ND	0.040
1,1-Dichloroethane	ND	0.040	ND	0.040	ND	0.040	ND	0.040
c-1,2-Dichloroethene	ND	0.040	ND	0.040	ND	0.040	ND	0.040
Chloroform	0.38	0.049	0.35	0.049	0.37	0.049	0.36	0.049
1,1,1-Trichloroethane	0.13	0.055	0.12	0.055	0.13	0.055	0.11	0.055
Carbon Tetrachloride	0.58	0.063	0.57	0.063	0.59	0.063	0.59	0.063
Benzene	3.7	0.16	3.2	0.16	2.9	0.16	2.8	0.16
1,2-Dichloroethane	0.12	0.040	0.13	0.040	0.15	0.040	0.14	0.040
Trichloroethene	0.28	0.054	0.27	0.054	0.26	0.054	0.28	0.054
1,2-Dichloropropane	ND	0.092	ND	0.092	ND	0.092	ND	0.092
Bromodichloromethane	ND	0.067	ND	0.067	ND	0.067	ND	0.067
Toluene	11	0.075	10	0.075	10	0.075	11	0.075
t-1,3-Dichloropropene	ND	0.045	ND	0.045	ND	0.045	ND	0.045
1,1,2-Trichloroethane	ND	0.055	ND	0.055	ND	0.055	ND	0.055
Tetrachloroethene	0.42	0.068	0.51	0.068	1.2	0.068	0.40	0.068
1,2-Dibromoethane	ND	0.15	ND	0.15	ND	0.15	ND	0.15
Ethylbenzene	1.4	0.087	1.3	0.087	1.4	0.087	1.4	0.087
p,&m-Xylene	6.0	0.087	5.9	0.087	6.3	0.087	6.1	0.087
o-Xylene	2.2	0.087	2.5	0.087	2.4	0.087	2.4	0.087
Styrene	1.1	0.085	1.2	0.085	1.0	0.085	1.0	0.085
1,1,2,2-Tetrachloroethane	ND	0.14	ND	0.14	ND	0.14	ND	0.14

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By:                     

Operations Manager

Date 11/6/12

The cover letter is an integral part of this analytical report



**AirTECHNOLOGY Laboratories, Inc.**

page 1 of 1

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832



QC Batch #: 121101MS2A2

Matrix: Air

## EPA Method TO-15 SIM

Lab No:	Method Blank		LCS		LCSD						
Date Analyzed:	11/01/12		11/01/12		11/01/12						
Data File ID:	01NOV021.D		01NOV019.D		01NOV020.D						
Analyst Initials:	DT		DT		DT						
Dilution Factor:	1.0		1.0		1.0						
								Limits			
ANALYTE	Result pptv	Spike Amount	Result pptv	% Rec	Result pptv	% Rec	RPD	Low %Rec	High %Rec	Max. RPD	Pass/Fail
Vinyl Chloride	0.0	500	597	119	578	116	3.2	70	130	30	Pass
1,1-Dichloroethene	0.0	500	512	102	503	101	1.8	70	130	30	Pass
1,1,1-Trichloroethane	0.0	500	550	110	538	108	2.2	70	130	30	Pass
Benzene	16.1	500	445	89	434	87	2.6	70	130	30	Pass
Trichloroethene	0.0	500	464	93	454	91	2.3	70	130	30	Pass
Tetrachloroethene	0.0	500	446	89	453	91	1.7	70	130	30	Pass



18501 E. Gale Ave., Suite 130  
City of Industry, CA 91748  
Ph: 626-964-4032  
Fx: 626-964-5832

Project No.: 12-758  
Project Name: Contingental Heat Treating  
Report To: Fero Engineering  
Company: 431 W. Lambert Rd #305  
Street: Bren, CA 92821  
City/State/Zip: 714 256 2737 / 256 1505  
Phone& Fax: feroeng@aol.com  
e-mail:

#### LAB USE ONLY

#### SAMPLE IDENTIFICATION

D103005-01  
-02  
-03  
-04  
-05  
-06  
-07  
-08

Canister # 4439  
" # 1453  
" # 3148  
" # 6044  
" # 1347  
" # 3146  
" # 6060  
" # 5978

SAMPLE DATE  
SAMPLE TIME  
MATRIX  
CONTAINER TYPE

10/29/12 11:02P Air Simble  
11:05P  
11:05P  
11:07P  
11:06P  
11:09P  
11:08P  
11:08P

VOLs TO 15 SIM

#### CHAIN OF CUSTODY RECORD

TURNAROUND TIME		DELIVERABLES		PAGE: 1 OF 1	
Standard	<input checked="" type="checkbox"/> 48 hours	EDD	<input type="checkbox"/>	Condition upon receipt:	
Same Day	<input type="checkbox"/> 72 hours	EDF	<input type="checkbox"/>	Sealed	Yes <input type="checkbox"/> No <input type="checkbox"/>
24 hours	<input type="checkbox"/> 96 hours	LEVEL 3	<input type="checkbox"/>	Intact	Yes <input type="checkbox"/> No <input type="checkbox"/>
Other:		LEVEL 4	<input type="checkbox"/>	Chilled	deg C

#### BILLING

P.O. No.: 12-758  
Bill to: Fero Eng.  
431 W. Lambert #305  
Bren, CA 92821

#### ANALYSIS REQUEST

#### COMMENTS

AUTHORIZATION TO PERFORM WORK  
SAMPLED BY: Fero Eng  
RELINQUISHED BY: Fero Eng  
RELINQUISHED BY: Fero Eng  
RELINQUISHED BY: Fero Eng  
RELINQUISHED BY: Fero Eng

DATE/TIME: 10/30/12 11:08P  
DATE/TIME: 10/30/12 11:08P  
DATE/TIME: 10/30/12 15:48  
DATE/TIME: 10/30/12 15:48  
DATE/TIME: 10/30/12 15:48

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other

DISTRIBUTION: White & Yellow - Lab Copies - Pink - Customer Copy

Preservation: H=HCL N=None / Container: B=Bag C=Can V=VOA O=Other Rev. 03 - 5/7/09